



CONDITION SURVEY REPORT

SIMSL SURVEY No. :

VESSEL'S NAME :

IMO No. :

DATE OF SURVEY :

PLACE OF SURVEY :

SURVEYOR'S NAME :

FORMAL SURVEY REPORT

1.	Vessel's name & flag	
2.	IMO number	
3.	Owner's name & nationality	
4.	Manager's name & nationality	
5.	Vessel type	
6.	Year & country of build	
7.	Gross Tonnage Dimensions (L x B x D) Summer Draft (d)	
8.	Classification Society and Class Notation	
9.	Trading area	
10.	Date & place of survey <i>(Man hours taken for Survey)</i>	
11.	Survey Company	
12.	Surveyor's Name(s)	
13.	Captain's name Owner's / Manager's Superintendent	
14.	Operational status of vessel <i>(Loading/Discharging/Anchored/ Standby/Laid-up)</i>	
15.	Next port and cargo <i>(If applicable)</i>	

Remarks:

A. HULL & MACHINERY

A1. Ship's Hull, Structures & Fittings

1.	External shell plating	
2.	Internal shell plating	
3.	Frames, beams, bulkheads, etc.	
4.	Weather decks, foc'sle, poop, catwalks, etc.	
5.	Watertight openings, ports, skylights & scuttles.	
6.	Ballast tanks, peak tanks, cofferdams and void spaces. <i>(Representative sample of ballast tanks to be inspected).</i>	
7.	Condition of holds/cargo tanks	
8.	Superstructure & coatings	
9.	Handrails, bulwarks, safe access	
10.	Ventilators, mushroom heads <i>(incl. fire flaps)</i> , air vents & filling pipes, savealls. <i>(Labelled for compartments served?)</i>	
11	<p>Ultrasonic Steel Thickness Gauging:</p> <p>Within Class Limits Yes / No <i>(Confirm areas outside Class limits have been renewed)</i></p> <p>a) Keel & bottom plates</p> <p>b) Lower shell strakes</p> <p>c) Upper shell strakes</p> <p>d) Main deck</p> <p>e) Tank Tops</p> <p>f) Frames</p>	<p>Date:</p> <p>Place:</p> <p>a) Average % Maximum %</p> <p>b) Average % Maximum %</p> <p>c) Average % Maximum %</p> <p>d) Average % Maximum %</p> <p>e) Average % Maximum %</p> <p>f) Average % Maximum %</p>

Remarks:

A2. Deck Machinery

1.	Cargo winches (<i>including guards & brakes</i>)	
2.	Cargo cranes, derricks & associated running gear, provisions cranes and engine room cranes	
3.	Conditions of mooring arrangements: a) Windlass, winches b) Mooring ropes/wires c) Fairleads and mooring furniture	a) b) c)
4.	Accommodation ladders / gangways, winches, wires and safety nets	
5.	Pilot ladders and hoists	
6.	Cargo pumps	
7.	Cleanliness of deck machinery spaces and pump rooms	

Remarks:

A3. Main & Auxiliary Machinery

Particular attention is to be afforded to the general cleanliness of machinery spaces and safety/housekeeping aspects.

1.	Main engine(s): type / number of cylinders / visual condition.	
2.	Thrusters: location / number / visual condition	
3.	Main/Auxiliary Boiler(s)/Economisers/Heaters: type / number / working pressure / visual condition.	
4.	Main/Aux. Generators: number / type / output / visual condition	
4 (a)	Fuel change over procedures available and crew familiar?	
5.	Emergency generator or batteries	
6.	Switchboards: (matting in place?)	
7.	a) Steering gear (<i>tested?</i>) b) Emergency steering (<i>tested?</i>) c) Thruster control/Local(<i>tested</i>)	a) b) c)
8.	Oily Water Separator operational and instructions displayed? Verify NO magic pipe?	
9.	a) Main fire pump (<i>tested?</i>) b) Emergency fire pump (<i>tested?</i>)	a) b)
10.	Floor plates clean / secure?	
11.	All engine room valves and pipes colour coded?	
12.	Cleanliness of machinery, purifiers and other spaces?	

13.	Spare gear, quantity, stowage and condition. Critical spares list.	
14.	Protective arrangements: a) Machinery Guards in place? b) Insulation of hot surfaces? • Exhaust trunking? • Fuel pipes? • Steam pipes etc.? c) Electric shock?	a) b) c)
15.	Remote stop devices <i>(Main engine and fans, tested?).</i> Remote closing devices and high / low level gauges <i>(Fuel tanks etc.) (Last tested?)</i>	
16.	Bilge & ballast system tested? <i>(Engine room bilges clean/dry?)</i>	
17.	a) Condition of propeller & rudder? <i>(if in dry dock).</i> b) Spare propeller and where stored?	a) b)
18.	Sanitation device/sewage plant: • Type • USCG Approved • Discharge pad locked? • Arrangement verified?	Yes / No Yes / No Yes / No Yes / No

Remarks:

A4. Certification, Surveys and Record Books

Certificate Type		Date of Issue	Last Annual / Intermediate	Date of Expiry
1.	Certificate of Registry		N/A	
2.	International Tonnage		N/A	
3.	International Load Line			
4.	Safety Equipment Certificate			
5.	Safety Construction Certificate			
6.	Safety Radio Certificate			
7.	International Oil Pollution Prevention IOPP			
8.	International Air Pollution Prevention IAPP			
9.	International Sewage Pollution Prevention		N/A	
10.	Fitness for Carriage of Dangerous Chemicals in Bulk			
11.	International Noxious Liquid Substances Certificate (INLS)			
12.	Fitness for Carriage of Liquefied Gases in Bulk			
13.	Document of Compliance for Dangerous Goods		N/A	
14.	Other Certification: High Speed Craft Safety Certificate Permit to Operate High Speed Craft Special Purpose Ships Certificate			

Certificate Type		Date of Issue	Last Annual / Intermediate	Date of Expiry
15.	Passenger Ship Safety Certificate		N/A	
16.	Certificate of Compliance (LY2 Yacht Code compliance)			
17.	Ship Sanitation Control Exemption Certificate / Ship Sanitation Control Certificate (SSCEC/SSCC)		N/A	
18.	Hull Special Survey <i>(Extensions granted if any?)</i>		N/A	
19.	Hull Annual Survey			
19.a)	International Anti-Fouling Certificate		N/A	N/A
20.	Machinery Special Survey <i>(Extensions granted if any?)</i>		N/A	
21.	Machinery Annual Survey/Continuous Survey of Machinery			
22.	Class quarterly listings / summary	<i>(Note date, list Conditions of Class, Class Recommendations or Memoranda inclusive of any overdue surveys)</i>		
23.	Shipboard contingency (SOPEP/SMPEP)			
24.	Oil Record Book <i>(Last entry?)</i>	Part I:	Part II:	
25.	Damage Control Plan			
26.	Loading and Stability Manual <i>(Chemical and Gas tankers)</i>			
27.	Procedures and Arrangements Manual <i>(INLS vessels)</i>			
28.	Cargo Record Book (Last entry?) (INLS vessels)			

Document		Remarks
29.	Port State Control Inspection. Date & Place?	
30.	Port State Control deficiencies found?	
<u>31.</u>	Stability: a) Class approved stability book? b) SOLAS approved grain book? c) Endorsed for change of name? d) Any structural changes made? e) Previous voyage stability calculations on record? f) Stability instrument approved (intact and damage stability capability for tankers 1 st renewal survey after 1 st Jan 2016 Marpol Annex I Reg 28)	a) b) c) d) e) f)
32.	Relevant IMO publications and IMDG Code Volumes	
33.	Last dry-docking? (<i>date and location</i>)	

Remarks:

A5. Personnel

Function		No.	Nationality	STCW Certification	GMDSS Certification
1.	Master				
2.	Deck Officers				
3.	Engineer Officers				N/A
4.	Radio Officers				
5.	Other Officers				
6.	Deck Crew				N/A
7.	Engine Room Crew				N/A
8.	Other Crew				N/A
9.	Minimum Manning Certificate		Complies: Yes / No		Date of issue:
10.	Officers and crew fluent in common language? - Language?				
11.	Who and how many are conversant in English language?				
11.a)	Hours of rest maintained and watch schedule posted?				
12.	Designated Safety Officer?				
13.	Photo luminescent escape signs at appropriate height to support escape?				
14.	Safety notices displayed?				
15.	Adequate medical facilities and supplies? Certificate & date:				
16.	Lighting adequate throughout ship: <ul style="list-style-type: none"> • Portable and fixed? • Emergency lighting. 			Yes / No Yes / No	

17.	Crew provided with and using personal safety / protection equipment?	
18.	<p>Vessel generally neat and tidy?</p> <p>Health and hygiene standards appropriate?</p> <p>Regular inspections by Master Date of last inspection</p> <p>a) Galley: a. Clean b. Free of infestations c. Grease traps clean d. Fridges / freezers / stores i. Cleanliness ii. Temperatures</p> <p>b) Communal areas / mess rooms clean and tidy a. Wash facilities clean and tidy b. Laundry clean and tidy</p>	<p>Yes / No</p> <p>Yes / No</p> <p>Yes / No</p> <p>a) a. b. c. d. i. ii.</p> <p>b) a. b.</p>

Remarks:

B. SAFETY

1.	Lifeboats & davits – type & number	
2.	Liferafts & davits – type & number	
3.	Number & location of Emergency Head Quarters (EHQ)	
4.	Fire extinguishers – type & number	
5.	Fixed fire extinguishing and detection arrangements - type & number: Tests, inspection and certification details	<i>(Deck, paint locker, engine Room, cargo compartment, accommodation etc.)</i>
6.	Fire lines & hydrants – condition. Isolation valves marked.	
7.	Fireman's outfits, Self-Contained Breathing Apparatus & Emergency Life-Saving Appliances. EEBDs	
8.	A. Portable gas meters: a) Type b) Number c) Last calibration date B. Fixed gas detection systems fitted?	Required 1 st Jul 2016 - (SOLAS Chap XI-1 Reg. 7 testing enclosed spaces prior to entry) a) b) c) Yes/No
9.	Portable oxygen meters: a) Type b) Number c) Last calibration date	a) b) c)
10.	Oxygen resuscitator	
11.	Emergency muster / station bill: a) Posted on each deck? b) Duties clearly stated?	a) b)
12.	Emergency Organisation / Fire Control Plan / Enclosed space entry familiarisation	

13.	SOLAS / Crew Safety Training Manuals: a) Specific to vessel? b) Available in each mess?	a) b)
14.	Programme of Safety drills carried out?	
15.	Records of recent risk assessment?	
15.	Asbestos present on board? <i>(SMS Policy for verifying vessel is asbestos free and that no asbestos is introduced)</i> <i>(Ref. - IMO Circular MSC.1/Circ. 1379)</i>	

Remarks:

C. NAVIGATION AND COMMUNICATIONS

C1. Navigation

- NOTES:**
1. State where items are not fitted or not fully operational
 2. State where items have been exempted by flag state

Equipment			Remarks	Equipment			Remarks
ARPA	Y	N		Radar	Y	N	
Echo Sounder	Y	N		Sextant	Y	N	
Rate of Turn Indicator	Y	N		Auto Steering Off Course Alarm	Y	N	
Chronometer	Y	N		AIS	Y	N	
Gyro Compass / Repeaters	Y	N		Emergency Steering Compass	Y	N	
Electronic Charts / ECDIS	Y	N		Voyage Data Recorder / SVDR	Y	N	
EPIRB	Y	N		SART(S)	Y	N	
Speed Log	Y	N		GPS / Glonass / Galileo	Y	N	
Navtex Receiver	Y	N		Course Recorder	Y	N	
VHF Radios / GMDSS station	Y	N		M/E Bridge Control	Y	N	
Magnetic Compass	Y	N		Azimuth Mirrors	Y	N	
LRIT	Y	N		BNWAS	Y	N	
1.	Notices to Mariners (N to M's): a) Date of latest N to M on board? b) Weekly N to M forwarded as published?			Notices to Mariners (N to M's): a) b)			
2.	Nautical Publications: a) Paper or electronic charts in use, or both? b) Chart folios provide adequate coverage trading area? c) Charts corrected up to date? d) Publications cover trading area? e) Publications properly corrected? f) Latest editions of publications available: (Nautical Almanac, Lists of Lights, Ships Routing, IAMSAR Manual etc.)			Nautical Publications: a) b) c) d) e) f)			

3.	Date Magnetic Compass last adjusted? a) Deviation card displayed? b) Compass errors logged? c) Frequency of errors?	a) b) c)
4.	Passage plans from "Berth to Berth"? Previous passage plans on file? (Y / N)	
5.	Master's standing orders displayed?	
6.	Date of last entry in Master's Night Order Book?	
7.	Log books properly maintained? <i>(Bridge / bell / movement books / hold bilge & tank soundings / hold temps etc.)</i>	

Remarks:

C2. Communications

1.	GMDSS Station / Radio Station: Equipment operational? Master / staff confident in demonstrating: a) Distress operation? b) Commercial operation of text / voice? Distress operating instructions displayed in common language? Log Book maintained and up to date? Date last entry?	a) b)
2.	Handheld Radios: Portable Radio Sets (VHF / UHF) Working Sets GMDSS Sets <i>(Spare Batteries & Chargers?)</i>	

Remarks:

D. SHIPBOARD MANAGEMENT

<p>1.</p>	<p>ISM System:</p> <p>Document of Compliance (DOC):</p> <ul style="list-style-type: none"> • Issuing Authority? • Date of issue? • Annual endorsement in date? • Expiry date? <p>Safety Management Certificate (SMC):</p> <ul style="list-style-type: none"> • Issuing Authority? • Date of issue? • Date of intermediate audit? • Expiry date? <p>Last internal audit date?</p> <p>All non-conformities cleared?</p> <p>Last external audit date?</p> <p>All non-conformities cleared?</p> <p>Company Operations Manual?</p> <p>Manual pertinent to ship type?</p> <p>Procedures for contacting DPA?</p> <p>Document of Master's Authority?</p> <p>Shipboard training programme?</p>	<p>Document of Compliance (DOC):</p> <ul style="list-style-type: none"> • • • • <p>Safety Management Certificate (SMC):</p> <ul style="list-style-type: none"> • • • •
<p>2.</p>	<p>ILO Maritime Labour Convention 2006 (ILO MLC 2006) Maritime Labour Certificate:</p> <ul style="list-style-type: none"> • Issuing Authority? • Date of issue? • Date of intermediate audit? • Expiry date? <p>Declaration of Maritime Labour Compliance:</p> <p>Part I</p> <ul style="list-style-type: none"> • Issuing Authority? <p>Part II</p> <ul style="list-style-type: none"> • Issuing Owner or Ship Manager? 	<ul style="list-style-type: none"> • • • • <p>Part I</p> <ul style="list-style-type: none"> • <p>Part II</p> <ul style="list-style-type: none"> •
<p>3.</p>	<p>Planned maintenance scheme</p> <p>a) Deck</p> <p>b) Engine room</p> <p>c) Hatch covers / Cargo systems</p>	<p><i>(Brief description of each)</i></p> <p>a)</p> <p>b)</p> <p>c)</p>

4.	<p>Garbage/Refuse Disposal: MARPOL 73/78 Annex V</p> <p>a) Garbage management plan?</p> <p>b) Arrangements for stowage?</p> <p>c) Adequate garbage bags? <i>(Plastic and/or paper)</i></p> <p>d) Storage area / spaces clean?</p> <p>e) Garbage disposal log entries?</p>	<p>a)</p> <p>b)</p> <p>c)</p> <p>d)</p> <p>e)</p>
5.	<p>Bunkering</p> <p>a) Standing orders & check lists?</p> <p>b) Piping / valve diagram?</p> <p>c) Savealls at manifold & vents?</p> <p>d) Scupper plugs?</p> <p>e) Oil spill equipment quantities: a. Absorbents? b. Dispersants?</p> <p>f) Fuel analysis records available</p> <p>g) Bunker delivery note and samples as per MARPOL Annex VI Reg. 18 available</p> <p>h) Compliance with IMO 2020: a) Ship specific implementation plan available b) Fuel change over procedure available c) Fuel management plan available</p>	<p>Bunkering</p> <p>a)</p> <p>b)</p> <p>c)</p> <p>d)</p> <p>e)</p> <p>a.</p> <p>b.</p> <p>f)</p> <p>g)</p> <p>h)</p> <p>a.</p> <p>b.</p> <p>c.</p>
6.	<p>Oily Water Separator</p> <p>a) Operation tested?</p> <p>b) Overboard valve locked closed?</p> <p>c) Warning notice that valve is to not be opened without the permission of the C/E?</p> <p>d) 15ppm valid calibration certificate available(five yearly)</p> <p>Vessels Built after 1st Jan 2015 and new installations</p>	<p>a)</p> <p>b)</p> <p>c)</p> <p>d)</p>

7.	<p>Ballast Water Management</p> <p>a) Convention compliance:</p> <ul style="list-style-type: none"> • Compliance required? • Approved BWM Plan:- D1 or D2 <i>D1 – Ballast water exchange</i> <i>D2 – Ballast treatment system</i> • IMO compliance date • USCG compliance date <p>b) Ballast water treatment system:</p> <ul style="list-style-type: none"> • Model and Make • USCG Type Approved • Alternate Management System. <p>c) No treatment system installed:</p> <p>Extension/supplemental extension granted</p> <p>Reason for extension?</p> <ul style="list-style-type: none"> • Issue date • Expiry date 	<p><u>SIMSL Risk Alert - Ballast Water Management</u></p> <p>a)</p> <ul style="list-style-type: none"> • • • • <p>b)</p> <ul style="list-style-type: none"> • • • <p>c)</p> <p>Yes / No</p> <ul style="list-style-type: none"> • •
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Remarks:

E. SHIPBOARD SECURITY

<p>1.</p>	<p>ISPS Security System</p> <p>Ship Security Certificate (ISSC):</p> <ul style="list-style-type: none"> • Issuing authority? • Date of Issue? • Date of intermediate survey? • Date of expiry? <p>Shipboard security drills / exercises conducted? (<i>Date of last drill</i>)?</p> <p>Control of access to ship effective?</p> <p>Qualified Ship Security Officer (SSO) on board?</p> <p>Ship identification number permanently and visibly marked?</p>	<ul style="list-style-type: none"> • • • •
<p>2.</p>	<p>Ro/Ro Security:</p> <p>Gangway and vehicle ramp(s) security provisions effective?</p>	<p>Yes/No</p>
<p>3.</p>	<p>Passenger Ship Safety Certificate:</p> <p>a) State maximum number of persons the ship is permitted to carry.</p> <p>b) Proper records maintained of persons on board?</p>	
<p>4.</p>	<p>Cyber Security</p> <p>a) Management policy and/or procedures implemented?</p> <p>b) Vulnerability and risk assessment carried out? <i>Self / third party assessment?</i></p> <p>c) System implemented to monitor cyber security, periodic check of logs for breaches?</p> <p>d) List/register of vulnerable systems and data available on board?</p> <p>e) Procedure to verify installations up to date?</p> <ul style="list-style-type: none"> • Supported by manufacturers / producers? <p><i>(Software maintenance, navigation equipment, control equipment, computers, mobile device, data management etc.)</i></p> <p>f) DPA for cyber security?</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>

g) Person designated for implementation and monitoring cyber safety on board?	<input type="checkbox"/>
h) Procedure for testing software dependent equipment and systems operating as required?	<input type="checkbox"/>
i) Contingency plan developed for failure of software dependent systems / corruption? <i>Response plan, recovery procedures.</i>	<input type="checkbox"/>
j) Procedures for reporting / investigating cyber incidents?	<input type="checkbox"/>
k) Copy of Club's DVD "Cyber Security, Smart, Safe Shipping"?	<input type="checkbox"/>
l) Procedures in place for crew to view Club's programme "Cyber Security, Smart, Safe Shipping" (DVD or via Club website)	<input type="checkbox"/>

Remarks:

F. CARGOWORTHINESS (DRY CARGO)State cargoworthiness tests conducted during the survey and results of all tests:-

1.	Hatch covers weathertightness to be tested, (ultrasonic testing preferred).	Yes / No	
2.	Operation of hold bilge suctions and non-return valves to be tested.	Yes / No	
3.	All ballast tanks surrounding cargo holds to be hydrostatically tested to ensure tanks and associated sounding pipes, air vents and manhole covers are watertight.	Yes / No	
4.	Number of cargo holds?		
5.	Number and type of hatches?		
6.	Hatches properly strengthened, fitted for carriage of containers?		
7.	Other deck cargoes certified to be carried - including timber, logs etc.?		
8.	Vessel provided with: a) Approved Cargo Securing Manual? b) Adequate lashing equipment for cargo types carried? c) Inspection / maintenance manual? d) Lashing equipment certified?	a) b) c) d)	
9.	Container capacity: Reefer container capacity: Source of power for Reefer		

Remarks:

G. ADDITIONAL FOR LARGE DRY BULK VESSELS

(i.e. Oil/bulk/ore, capesize and VLOC's etc.)

1.	Loading rates for iron ore and/or other high specific gravity (S.G.) cargoes that have been loaded?	Yes / No	
2.	If available, provide following information in tabular form as addendum to report:		
	Date(s) of loading		
	Loading Ports / Terminals		
	Loading pattern / No. of holds loaded		
	No. of passes during loading		
	Loading rates (tons/hour)	Average:	Maximum:

Remarks:

H. CARGOWORTHINESS (TANKERS)State cargoworthiness tests conducted during the survey and results of all tests:

1.	Hydrostatic test of cargo tank bulkheads	Yes / No	Last Test Date:
2.	Pressure test of cargo pipelines	Yes / No	Last Test Date:
3.	Pressure and function test of heating coils	Yes / No	Last Test Date:
4.	Function test of inert gas system	Yes / No	Last Test Date:
5.	Function test of pressure / vacuum valves	Yes / No	Last Test Date:
6.	Number & grade of cargoes carried whilst maintaining 2-valve separation.		
7.	Single or double hull?		
8.	Cargo Control Room equipment / facilities fully operational?		
9.	Segregated ballast system?		
10.	Vapour return system fitted?		
11.	Load and discharge operations performed in "Closed" conditions?		
12.	UTI electronic tapes compatible with ullage port vapour locks?		
13.	a) Cargo instruments correctly calibrated? b) Records and procedures correctly maintained and documented?	a) b)	
14.	High level alarms operational?		Last Test Date:

15.	For Floating Storage Offtake - FSO	
	<ul style="list-style-type: none"> a) Hawsers: <ul style="list-style-type: none"> a. Manufacturer b. Change out programme? <ul style="list-style-type: none"> i. FSO Mooring ii. Offtake Tanker c. Last change out? <ul style="list-style-type: none"> i. FSO Mooring ii. Offtake Tanker b) Floating export hoses <ul style="list-style-type: none"> a. Manufacturer b. Change out programme? c. Last change out c) Berthing aid? <ul style="list-style-type: none"> a. Manufacturer / Type b. Operational? c. Last test date d) ESD System? <ul style="list-style-type: none"> a. Type b. Operational? c. Last test date 	<ul style="list-style-type: none"> a) Type <ul style="list-style-type: none"> a. b. <ul style="list-style-type: none"> i. Yes / No ii. Yes / No c. <ul style="list-style-type: none"> i. ii. b) Yes / No <ul style="list-style-type: none"> a. b. Yes / No c. c) Yes / No <ul style="list-style-type: none"> a. b. Yes / No c. d) Yes / No <ul style="list-style-type: none"> a. b. Yes / No c.

Remarks:

Surveyor to attach a copy or sketch of cargo tanks and pipeline system layouts.

I. CARGOWORTHINESS - PCTC, PCC and Ro-Ro (Passenger** and Freight)

**Complete Part "L" of checklist – for passenger areas of Ro-Ro Passenger Ferries.

I.1 Shell Openings – Bow Visor / Outer Bow door / Inner Bow door / Bow Ramp / Stern Ramp / Quarter Ramp / Side Ramp / Pilot doors / Bunker doors

1.	Class Survey of Shell openings? • Date	Yes / No / NA	
2.	Class verified watertightness / weathertightness test? • Date	Yes / No / NA	
3.	Class verified shell door thickness measurement. • Date of measurement?	Yes / No / NA	
4.	Supporting steel structure (plating / stiffeners / brackets and welded joints)?	Yes / No / NA	
5.	Securing devices / cleats / pins / hooks etc.?	Yes / No / NA	
6.	Hinges / moving arms / guide wheels / bearings etc.?	Yes / No / NA	
7.	Any hydraulic leakages?	Yes / No / NA	
8.	Bilge alarm for Shell doors?	Yes / No / NA	
9.	Damage control: a) Shell openings indication panel i. Local ii. Remote • Bridge • ECR b) Shell opening seals correctly maintained? c) Supplemental portable flood barriers fitted on vehicle decks? d) Side scuppers fitted with emergency non-return valves? e) Emergency shut down arrangements for vehicle deck ventilators fitted and operational?	Yes / No / NA	

10.	Certified crew operating shell doors?	Yes / No / NA	
11.	Shell door CCTV?	Yes / No / NA	
12.	Limit switch sensors of Shell opening?	Yes / No / NA	
13.	Logbook entries for arrival and departure?	Yes / No / NA	

Remarks:

I.2 Vehicle decks and Cargo spaces

1.	General Condition (Dents, Corrosion, fractures etc) a) Fixed decks / cargo spaces? b) Platform decks / liftable decks? c) Supporting steel structure? d) Securing devices / cleats / pins / hooks etc. and securing points? e) Hinges / moving arms / guide wheels / bearings etc.?	Yes / No / NA	
2.	Certified crew operating movable and liftable ramps?	Yes / No / NA	
3.	Cargo deck bilges / scuppers: a) clean / free from obstruction? b) bilge alarms operational? • last test date? c) bilges operational? • last test date?	Yes / No / NA	
4.	Car deck/cargo spaces height of deck alarm working?	Yes / No / NA	
5.	Anti-skid paint and tape (where required)?	Yes / No / NA	

6.	Illumination working? a) Car decks / cargo spaces adequately illuminated? b) Autonomous emergency battery lights in good condition? c) Date last checked	Yes / No / NA	
7.	Car decks / cargo spaces ventilation system operational?	Yes / No / NA	
8.	Cargo spaces Drencher / Sprinkler system: a) operational? b) zone numbers marked?	Yes / No / NA	
9.	Fire detector heads operational? Date last tested?	Yes / No / NA	

Remarks:-

I.3 Safety and Operational Matters

1.	Cargo Securing Manual approved and stamped by Class?	Yes / No / NA	
2.	Cargo secured in accordance with Cargo Securing Manual?	Yes / No / NA	
3.	Cargo operations in accordance with Company's Operations Manual?	Yes / No / NA	
4.	Voyage stability checks <ul style="list-style-type: none"> • Pre-load / pre-stow • Pre-sailing 	Yes / No / NA	
5.	Are safety barriers placed on the sides of fixed car decks, liftable ramps or platforms and around any other unprotected openings?	Yes / No / NA	

6.	Safety equipment / operation critical equipment / access / egress all clear of obstructions?	Yes / No / NA	
7.	Cargo securing material (webbings / chains & tensioners / trestles / jacks etc)? a) Records and inventory in order? b) Certificates? c) Maintenance record?	Yes / No / NA	
8.	Safety Marking clearly and correctly marked? a) Deck no. b) Fore and aft marking c) Height of car decks d) Emergency routes / escapes? e) Pedestrian routes / Walkways? f) Hazardous areas clearly marked? g) Critical points, and any other obstacles?	Yes / No / NA	

Remarks:

Surveyor to request opening and closing operation of shell openings as considered appropriate.

J. OFFSHORE VESSELS – Inc. BARGES, ANCHOR HANDLING TUG SUPPLY, PLATFORM SUPPLY, TUG, S-LAY PIPELAYERS & WORKOVER / INSTALLATION VESSELS

1.	<p>Barges</p> <p>a) Check condition of main tow bridle: Include: chains/wires/shackles/delta plate, Smit Brackets and recovery winch.</p> <p>b) Check condition of emergency towing wire Include Smit Bracket, chains, shackles, wire and pick up rope and buoy.</p> <p>c) Barge access ladders in satisfactory condition, safe access to deck.</p> <p>d) Tyre and half round bar fendering in satisfactory condition.</p> <p>e) Navigation lights and shapes as per requirements of COLREGS. <i>Adequate spare bottles when gas is power source.</i></p>	<p>a)</p> <p>b)</p> <p>c)</p> <p>d)</p> <p>e)</p>
2.	<p>AHTS / PSV Cargo Systems:</p> <p>a) Cargo systems operating satisfactorily: a) Dry bulk? b) Potable/drill water? c) Mud/base oil/brine? d) Fuel? e) Other?</p> <p>b) Couplings, hoses, reducers and air relief valves in good condition?</p> <p>c) Condition of crash rails, wooden deck sheathing, casing posts, lashing points and lashing materials.</p>	<p>a)</p> <p>a. b. c. d. e.</p> <p>b)</p> <p>c)</p>
3.	<p>Towing / Pushing Gear:</p> <p>a) Condition of tow, work & tugger winches.</p> <p>b) Condition of tow, work, tugger wires & their sockets.</p> <p>c) Condition of shackles & ancillary tow rigging such as stretchers and surge chains.</p> <p>d) Condition and operation of ancillary tow equipment such as tow pins, sharks jaw & gog arrangements.</p> <p>e) Bow connecting pins / winches and</p>	<p>a)</p> <p>b)</p> <p>c)</p> <p>d)</p> <p>e)</p>

	<p>associated wires suitable for pushing ahead.</p> <p>f) Condition of tyre, rubber and half round bar fendering etc.</p>	
<p>4.</p>	<p>S-Lay Pipelay</p> <p>a) Condition of ready rack, firing line, welding / NDT and field joint coating stations.</p> <p>b) Condition of tensioners and stinger.</p>	<p>a)</p> <p>b)</p>
<p>5.</p>	<p>Dynamic Positioning</p> <p>a) DP class?</p> <p>b) DP desks, machinery, position measuring equipment; gyro's, motion reference units & anemometers working satisfactorily?</p> <p>c) In date for annual DP trials?</p> <p>d) Last FMEA? a) Any modifications since last FMEA? b) New FMEA undertaken?</p>	<p>a)</p> <p>b)</p> <p>c)</p> <p>d) a. b.</p>
<p>6.</p>	<p>Workover / Installation Barge / Vessel</p> <p>a) Condition of anchor mooring spread? including winches, wires, anchors, and associated mooring line jewellery.</p> <p>b) Helidecks:- <i>Internal & external nets, perimeter lights, windsock & floodlights, aeronautical radios, helideck markings, firefighting appliances, refuelling & hanger facilities?</i></p> <p>c) Heavy lift cranes: a. Satisfactory condition? b. Date for proof load testing c. Date of last examination d. Manriding – Yes / No i. Basket type and condition ii. Crane certified for manriding?</p>	<p>a)</p> <p>b)</p> <p>c) a. b. c. d. i. ii.</p>

Remarks:

K. SUPER / MEGA AND GIGA YACHTS

1.	Tenders – for each tender ancillary craft: <ul style="list-style-type: none">• Manning• Condition• Equipment	
2.	Helidecks – check: <ul style="list-style-type: none">• Internal and external nets• Perimeter lights• Windsock• Floodlights• Aeronautical radios• Markings• Firefighting appliances• Refuelling or hanger facilities	

Remarks:

L. PASSENGER SHIPS – Including Ro-Ro Passenger Ferries**

**Items associated with Ro-Ro Spaces are addressed in Part “I” - relevant sections to be completed.

L.1 Fire Control

1.	Fire Screen Doors: a) Remote release doors functioning with proper indication on bridge? b) Manually operated doors properly maintained & kept closed? c) All doors maintained & recorded in safety records?	a) b) c)
2.	Fire Bulkheads: a) Main fire zones marked on fire control plan? b) Improper bulkhead penetrations to be noted.	a) b)
3.	Sprinkler System: a) Accommodation & storeroom spaces fitted with automatic sprinkler system? b) System properly tested & maintained?	a) b)
4.	Ventilation Fire Flaps: a) Internal fire flaps marked, tested & maintained? b) External fire flaps marked, tested & maintained?	a) b)
5.	Fire Detection: a) State type of fire detection system. b) System properly tested & maintained? c) Manual (push button) alarms tested, recorded & maintained?	a) b) c)

Remarks:

L.2 Life Saving

1.	Emergency Organisation: a) Effective evacuation plan for passengers & crew? b) Procedures for checking passenger names at muster points? c) Crew trained in handling passengers in an emergency? d) Sufficient crew able to communicate with passengers in an emergency? e) Passengers provided with proper emergency instructions by general announcements & signs in cabins & public areas? f) PA system reaches all parts of vessel, including crew areas & outside decks?	a) b) c) d) e) f)
2.	Emergency Lighting / Escapes: a) Emergency lighting operable on generator & battery supplies? b) Emergency escapes properly marked, lit & free of obstructions?	a) b)

Remarks:

L.3 Damage Control

1.	<p>Documentation & Training:</p> <ul style="list-style-type: none"> a) Approved "Damage Control Plan"? b) Approved "Damage Stability Book"? c) Flooding effectively contained in any given compartment following damage? 	
2.	<p>Powered Watertight Door Operation:</p> <ul style="list-style-type: none"> a) From bridge remote station? b) From bulkhead deck remote station? c) From local control? d) By reserve & manual power sources? e) Closing speed - Class requirements f) Audible Alarm g) Regularly tested & maintained? 	
3.	<p>Damage Control Valves:</p> <p>Following systems operable:</p> <ul style="list-style-type: none"> a) Emergency bilge pumping system? b) Through bulkhead sewage valves? c) Sewage side valves? d) Cross over valves and lines? e) Other damage control devices? f) All systems operable from bulkhead deck remote stations? g) All systems properly tested & maintained? 	

Remarks:

L.4 Public Health

1.	Inspected by local health authorities?	Date last inspection:
2.	Inspected by US Public Health Service? What points were scored? (Detail any major deficiencies.)	
3.	Crew trained in establishing & maintaining sanitation standards?	
4.	Food preparation areas & storerooms clean & sanitary?	
5.	Potable water system treatment records maintained?	
6.	Swimming pools / spas treated & records of water quality maintained?	
7.	Medical office maintain records of diarrhoea cases?	

Remarks:**L.5 Personal Injury**

1.	Ship stabilised and system operable?	
2.	Passenger & crew accidents properly investigated & reported?	
3.	General accident prevention announcements made at start of voyage & supplemented by written notices?	
4.	Stairs, outer decks & other potential hazards properly marked, with warning signs posted?	
5.	Stairs & handrails well designed, maintained & records kept?	
6.	Start/end of stairways & differences in deck levels clearly marked by warning colours / designs?	

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Date:

7.	Outside decks have adequate anti-skid resistance when wet?	
8.	Swimming pools / spas equipped with handrails, non-slip decks & pool rules signs posted?	
9.	Passenger areas fitted with sufficient photoluminescent escape signs sighted below smoke level?	
10.	Emergency lighting strips, indicating escape routes, fitted & operational?	
11.	Lifts inspected certified by an approved company?	

Remarks:

M. LIQUIFIED PETROLEUM GAS CARRIERS**M.1 Cargo Tanks and Systems**

1.	Cargo tanks suitable for nominated cargoes (types of cargo & temperature / pressure)? <i>Number, design, capacity</i>	
2.	Cargo pumps, ballast pumps & stripping arrangements operational, including associated monitoring, alarms, instrumentation & controls?	
3.	Cargo pump emergency stops appropriately located & regularly tested?	
4.	Emergency shutdown (ESD) activation points appropriately located, clearly identified & regularly tested, results documented?	
5.	Cargo & vapour lines clearly marked, all lines effectively lagged?	
6.	Reducers, removable U-bends and cargo hoses in satisfactory condition?	
7.	Pneumatic, hydraulic and all other hoses in good condition?	
8.	Programme for testing, inspection and calibration of cargo hoses?	
9.	Spill trays & savealls in satisfactory condition, water bottom where appropriate?	
10.	Overside manifold water spray curtain? a) Utilised during cargo operations? b) Coverage effective? c) Last Test Date?	Yes / No a) b) c)
11.	Portable instruments & appropriate span gas available, records of calibration maintained?	
12.	Fixed & portable electrical equipment appropriate for hazardous areas?	
13.	Superstructure & deckhouse doors, windows, inlet flaps, etc. facing cargo area satisfactory?	

14.	Compressor house / motor room / re-liquefaction plant spaces & bilges clean & tidy?	
15.	Bulkhead seals between compressor house & motor room gas tight & well maintained?	
16.	Compressor house / motor room / re-liquefaction plant space fans operational?	
17.	Motor room ventilation positive pressure?	
18.	Compressor room ventilation negative pressure?	
19.	Compressor house / motor room / re-liquefaction plant space floor plating / grating satisfactory?	
20.	Appropriate compressor house / motor room / re-liquefaction plant space entry & operational procedures in place & complied with?	
21.	Cargo heating system fully operational & well maintained?	
22.	Tank insulation in satisfactory condition? No visible cold spots?	
23.	Cargo re-liquefaction plant & associated machinery satisfactory condition?	
24.	Fire wires properly rigged, in good condition?	
25.	Last OCIMF-Sire and / or CDI inspection?	

Remarks:

M.2 Inert Gas System

1.	IGS, including instrumentation, alarms, trips, & pressure/oxygen recorders, fully operational, calibration records maintained?	
2.	Nitrogen generator system operating satisfactorily?	
3.	Inter barrier space temperatures & pressures monitored & recorded?	
4.	Fans, scrubber, deck seals, p/v breakers & non-return valve in satisfactory condition?	

Remarks:

M.3 Closing Appliances

1.	Closing devices, associated gaskets & securing arrangements on freeboard deck in satisfactory condition?	
2.	Tank domes, hatches, gaskets & securing devices in satisfactory condition?	
3.	Cargo tank venting arrangements satisfactory condition?	
4.	Cargo tank, void spaces & inter barrier spaces (where fitted) relief valves set correctly & in satisfactory condition? Relief valves included in routine testing & inspection	
5.	Air locks between gas dangerous spaces & gas safe spaces operational state & satisfactory condition? Interlocks & alarms fitted & tested?	

Remarks:

M.4 Cargo Control

1.	Primary & secondary cargo monitoring indicators, controls & panels in satisfactory condition?	
2.	Detailed cargo handling & tank cleaning plans prepared & operations carried out & logged in accordance with agreed plan? Documented pre & post cargo operation meetings held with terminal staff? Pre-cargo operation ESD tests conducted in co-ordination with terminal: <ul style="list-style-type: none"> • Warm ESD? • Cold ESD? 	
3.	Tank gauging system operational? Custody transfer system operational & approved	
4.	Means for emergency discharge inspected & results recorded?	
5.	Gas detection systems & bilge alarms operational, regularly tested, results recorded?	
6.	Where fixed gas detection & monitoring system not fitted are routines in place for regular monitoring with portable instruments?	
7.	Safety guidelines regarding static hazards in place & strictly adhered to?	
8.	Appropriate cargo specific information including Material Safety Data Sheets available on board?	

Remarks:

M.5 Safety and Operational Tests
(were the following tests carried out and found satisfactory?)

1.	Engine room bilge high level alarms.	
2.	Emergency fire pump with two fire hoses on separate hydrants.	
3.	Emergency power sources & emergency lighting.	
4.	Engine room remote stops & shutdowns.	
5.	Relevant cargo high level alarms.	
6.	Decontamination showers & eye baths on deck (operational under all ambient weather conditions?)	
7.	Emergency shut down system, including trips & valve timings.	
8.	Deck spray system functioning?	Last test date?

Remarks:

M.6 Planning

1.	Berth compatibility study carried out? Available on board?	
2.	Does the study include: a) Emergency shutdown systems (ESD)? b) Back-up ESD? c) Cargo arm operating envelope? d) Shore gangway operating envelope? e) Shore gangway landing area? f) OPTIMOOR or equivalent mooring study?	a) b) c) d) e) f)

Remarks:

This report, and any accompanying documentation or photographs, has been compiled for the sole use of the Association for insurance purposes only. It should not be disclosed to any third parties without prior written permission from the Association.

The information contained in this report, and any accompanying documentation or photographs, is not exhaustive as to the general condition of the ship and should not be relied upon by members or by any other party as any assurance, representation or warranty as to the condition of the ship and nothing herein shall prejudice the Club’s rights under the insurance policy, in the event of a dispute between the Club and the member relating to the condition of this ship.

SIMSL Report ID:

Date:

SHIP NAME:

IMO NO:

PORT:

DATE:

LIST OF DEFICIENCIES

Notes:

- A. Leave 1 copy onboard with the Master & attach 1 copy to the summary & formal reports.
- B. Add more rows as required.
- C. For follow-up surveys the status of all defects, recommendations and outstanding tests & requirements is to be noted as either **COMPLETED**, **IN PROGRESS** or **OUTSTANDING**
- D. All deficiencies that present a claims risk to the Club are to be noted as Defects. These to be rectified to the satisfaction of the Club.

NO.	SECT. REF ¹ .	DEFECTS	REMEDIAL ACTION REQUIRED
1			
2			
3			
4			

- E. All outstanding tests, requirements and inspections are to be noted as such and not as defects.

NO.	OUTSTANDING TESTS / REQUIREMENTS
1	
2	

SIMSL Report ID:

Date:

F. Identify issues considered to be potential risks / enhancements / best practice that the member should consider implementing, but that may not necessarily be a legislative requirement under the vessel's administration

NO.	OBSERVATION	RECOMMENDATION
1		
2		

TOTALS:

DEFICIENCY	OUTSTANDING	IN PROGRESS	COMPLETED
Defects			
Tests/Requirements			
Observations			

DEFECT CATEGORIES SUMMARY TABLE

	A	B	C	D	E
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

¹ – Sect Ref numbers to reference back to Summary report format.

Photographs

Insert photographs of:

- 1) Overview of vessel, holds, tanks and deck.
- 2) Fixtures and fittings.
- 3) So far as possible, all defects and/or rectified defects.
- 4) So far as possible, tests conducted.

Photo number and detailed caption

Document History:

Version	Date	Author	Changes
4.0	22/10/2018	JCT	<p>Section A3-8 – reference to magic pipe changed to “verify”</p> <p>Section D-6 – Reference to magic pipe removed (Duplication section A3-80)</p> <p>Section D-7 – Ballast Water Management Section added</p> <p>Section E-4 – Cyber Security section added</p> <p>Deficiencies Table: - Add defect tracking column and formatting</p> <p>Document History – New section added</p> <p>General – Version reset at 4.0 and general formatting of document</p>
4.1	29/07/2019	JCT	<p>Section D-5 – additional questions - verification of readiness for IMO 2020</p> <p>Section E-4 – additional question – crew review of cyber security DVD</p> <p>Section M1-10 – Spray curtain test date</p> <p>Section M4-9 – Spray curtain test date removed, duplication of M1-10</p> <p>Deficiencies Table: - Clarify requirement for Sect. Ref. column entry</p> <p>General – Version reset at 4.1 and general formatting of document</p>
4.2	06/04/2020	TI & JCT	<p>Section I – Updated to provide improved clarity and guidance for Cargoworthiness - PCTC, PCC and Ro-Ro (Passenger and Freight) vessels</p> <p>Section L – Clarification around requirement for survey of Passenger ships, including Ro-Ro Passenger Ferries</p> <p>Section L3 – Part 2 amended</p> <p>Section L5 – Passenger Security deleted</p>